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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/019,407	03/25/2002	Yoshinobu Kimura	520.41003 X00	3893	
20457	7590 04/14/2005		EXAMINER		
	LI, TERRY, STOUT & K	SCHILLINGE	SCHILLINGER, LAURA M		
SUITE 1800	1300 NORTH SEVENTEENTH STREET SUITE 1800			PAPER NUMBER	
ARLINGTO	N, VA 22209-3873		2813		
			DATE MAILED: 04/14/200	DATE MAILED: 04/14/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applicatio	n No.	Applicant(s)		
Office Action Summary						
		10/019,40	/ 	KIMURA ET AL.		
		Examiner		Art Unit		
	The MAN INC DATE of the	Laura M. S		2813		
Period fo	The MAILING DATE of this communicator Reply	don appears on the	cover sneet with the c	orrespondence address		
THE - Exte after - If the - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR MAILING DATE OF THIS COMMUNICA nasions of time may be available under the provisions of 3' SIX (6) MONTHS from the mailing date of this communical period for reply specified above is less than thirty (30) do period for reply is specified above, the maximum statuto the toreply within the set or extended period for reply will, reply received by the Office later than three months after the patent term adjustment. See 37 CFR 1.704(b).	TION. 7 CFR 1.136(a). In no ever ation. 1ys, a reply within the statur ry period will apply and will by statute, cause the appli	nt, however, may a reply be time tory minimum of thirty (30) days expire SIX (6) MONTHS from cation to become ABANDONEI	ely filed s will be considered timely. the mailing date of this communication. O (35 U.S.C. § 133).		
Status						
1) 又	Responsive to communication(s) filed of	n <i>01 February 200</i>	5.			
• -	This action is FINAL . 2b)⊠ This action is non-final.					
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
Disposit	ion of Claims					
5)	Claim(s) 1-20 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. Claim(s) is/are allowed. Claim(s) is/are rejected. Claim(s) is/are objected to. Claim(s) 1-20 are subject to restriction and/or election requirement.					
Applicat	ion Papers					
10)□	The specification is objected to by the E The drawing(s) filed on is/are: a) Applicant may not request that any objectio Replacement drawing sheet(s) including the The oath or declaration is objected to by	☐ accepted or b)[n to the drawing(s) be e correction is require	e held in abeyance. See ed if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).		
Priority	under 35 U.S.C. § 119					
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. Certified copies of the priority documents have been received in Application No Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
2) Notice 3) Infor	ot(s) ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO- mation Disclosure Statement(s) (PTO-1449 or PTO- er No(s)/Mail Date		4) Interview Summary Paper No(s)/Mail Do 5) Notice of Informal F 6) Other:			

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DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-6, 8-13, 16-20 drawn to a device, classified in class 257, subclass 151.
- II. Claims 14-15, drawn to a method, classified in class 438, subclass 166.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the crystallized form may be made from laser annealing, RTA, or furnace annealing steps.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II and vice versa, restriction for examination purposes as indicated is proper.

This application contains claims directed to the following patentably distinct species of the claimed invention:

Group I:

Species 1, claims 1-2, pertaining to a polycrystalline film formed by a plurality of laser steps such that the closed crystal grains is 6;

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Species 2, claims 3-4, pertaining to a semiconductor device formed by a plurality of laser steps such that the closed crystal grains is 6;

Species 3, claims 5-6, pertaining to a semiconductor device formed by a plurality of laser annealing steps within a square region with a 10 u side;

Species 4, claims 8-9, 12-13 pertaining to an electronic apparatus having a variation in threshold voltage of 0.1 V or less;

Species 5, claims 10-11, pertaining to an electronic apparatus formed by a plurality of laser annealing steps within a square region with a 10 u side;

Species 6, claim 16, pertaining to a transistor formed in a polycrystalline film wherein the number of closest crystal grains of 6 is greatest among plural crystal grains in the channel;

Species 7, claim 17-18, pertaining to a plural number of transistors formed by a plurality of laser annealing steps within a square region with a 10 u side;

Species 8, claims 19-20, pertaining to an electronic apparatus having plural transistors wherein the number of closest crystal grains of 6 is greatest among plural crystal grains in the channel.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, there is no generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable

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thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laura M. Schillinger whose telephone number is (571) 272-1697. The examiner can normally be reached on M-T, R-F 7:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl W. Whitehead, Jr. can be reached on (571) 272-1702. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

4/15/05

Laura M Schillinger Primary Examiner Art Unit 2813